Limacina helicina (Limancina Snail)

Report Date: January 13, 2016

Priority 3 Species of Greatest Conservation Need (SGCN)

Class: Gastropoda (Aquatic And Terrestrial Snails)

Order: Thecosomata (Sea Butterflies)
Family: Limacinidae (Sea Butterflies)

General comments: none

No Species Conservation Range Maps Available for Limancina Snail

SGCN Priority Ranking - Designation Criteria:

Risk of Extirpation: NA

State Special Concern or NMFS Species of Concern: NA

Recent Significant Declines: NA

Regional Endemic: NA

High Regional Conservation Priority: NA High Climate Change Vulnerability:

Limacina helicina is highly vulnerable to climate change.

Understudied rare taxa: NA

Historical: NA

Culturally Significant: NA

Habitats Assigned to Limancina Snail:

Formation Name Subtidal

Macrogroup Name Subtidal Pelagic (Water Column)

Habitat System Name: Pelagic (Water Column) Macrogroup - Unknown Habitat System

Stressors Assigned to Limancina Snail:

No Stressors Currently Assigned to Limancina Snail or other Priority 3 SGCN.

Species Level Conservation Actions Assigned to Limancina Snail:

No Species Specific Conservation Actions Currently Assigned to Limancina Snail or other Priority 3 SGCN.

Conservation Actions Associated with the Gastropods Guild:

Conservation Action Category: Public Outreach Biological Priority: high Type: on-going

Encourage the use of more targeted fishing gear in order to reduce bycatch and habitat disturbance

Stressor(s) Addressed By This Conservation Action

Fishing and Harvesting of Aquatic Resources

Conservation Action Category: Policy Biological Priority: critical Type: new

Reduce the collection and possession of live specimens

Stressor(s) Addressed By This Conservation Action

Fishing and Harvesting of Aquatic Resources

Conservation Action Category: Research Biological Priority: high Type: new

Develop molecular tools to identify where specimens are collected.

Stressor(s) Addressed By This Conservation Action

Fishing and Harvesting of Aquatic Resources

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Conservation Action Category: Survey and Monitoring Biological Priority: high Type: on-going

Ground-truth mapped habitat and compare to historical maps to monitor change over time, may require updating mapping

plans to map more frequently

Stressor(s) Addressed By This Conservation Action

Fishing and Harvesting of Aquatic Resources

Conservation Action Category: Policy Biological Priority: critical Type: new

Reduce the use of tributilyn compounds as a biocide and antifouling prophalactic

Stressor(s) Addressed By This Conservation Action

Agricultural and Forestry Effluents

Broad Taxonomic Group Conservation Actions:

Additional relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-1.

Habitat Based Conservation Actions:

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.